

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier listings and all earlier versions.

DI  
Cont  
1. - 7. (Canceled)

8. (Currently Amended) A solid-state image pickup element formed on a single semiconductor substrate, comprising:

a pixel including a photoelectric conversion element which includes an accumulation area where signal charge generated by photoelectric conversion is accumulated, a transfer switch which transfers the signal charge accumulated in said accumulation area, a floating diffusion portion which receives the signal charge through said transfer switch, and a reset switch which resets an electric potential of said floating diffusion portion;

a first terminal which is connectable externally;

a second terminal which is connectable externally;

a first wiring which applies a voltage at said first terminal to said reset switch so that said reset switch is controlled according to the applied voltage at said first terminal and an internally ~~supplied~~ applied voltage applied to said reset switch; and

a second wiring which applies a voltage at said second terminal to said transfer switch so that said transfer switch is controlled according to the supplied voltage at said second terminal and an internally supplied voltage applied to said transfer switch.

9. (Previously Presented) An image pickup apparatus comprising:  
a solid-state image pickup element according to Claim 8; and  
a voltage potential setting circuit which generates a plurality of different

*D1  
cont*  
electric power voltages,

wherein said voltage potential setting circuit supplies a first voltage to said  
first terminal and supplies a second voltage lower than the first voltage to said second  
terminal.

---